ational Application No .../IB2004/000924

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D411/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7\ CO7D$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BEILSTEIN Data

Category °	Citation of document, with indication. where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95/29174 A (HILL MALCOLM LEITHEAD; WHITEHEAD ANDREW JONATHAN (GB); HALLETT PETER) 2 November 1995 (1995-11-02) page 14, lines 1-5	1–17
A	US 6 329 522 B1 (HILL MALCOLM LEITHEAD ET AL) 11 December 2001 (2001-12-11) column 11, lines 20-42	1–17
Α	WO 92/14743 A (UNIV EMORY) 3 September 1992 (1992-09-03) cited in the application figure 2	1-17
A	US 5 696 254 A (MANSOUR, TAREK ET AL) 9 December 1997 (1997-12-09) cited in the application columns 16,26; examples 16,17,20,21	1-17

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 E earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed 	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
21 June 2004	01/07/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Zellner, A

'..... ational Application No /IB2004/000924

C (Contlant	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	7 1320047 000324
Category °		Relevant to claim No.
A	FP O 515 157 A1 (BIOCHEM PHARMA INC.,	1-17
	CAN.) 25 November 1992 (1992-11-25) the whole document	
A	JEONG, L.S.; ET AL.: J. MED. CHEM., vol. 36, no. 2, 1993, pages 181–195, XP002285252 scheme 3, page 183	1-17
A	CHU, C.K.; ET AL.: J, MED. CHEM., vol. 43, no. 21, 2000, pages 3906-3912, XP002285253 page 3907, scheme 1	1-17
X	EP 0 526 253 A1 (BIOCHEM PHARMA INC., CAN.) 3 February 1993 (1993-02-03) page 3, lines 16-24	12–15
	·	
-	·	
!		

rational Application No -/IB2004/000924

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9529174	L A	02-11-1995	AP	704 A	04-12-1998
WU 95291/4	А	02 11 1995	AT	181326 T	15-07-1999
			ΑÜ	696612 B2	17-09-1998
			AU	2447195 A	16-11-1995
			BG	62810 B1	31-08-2000
	r.		BG	100916 A	31-07-1997
			BR	9507499 A	23-09-1997
			CA	2188306 A1	02-11-1995
			CN	1149871 A	14-05-1997
			CZ	9603096 A3	16-04-1997
			DE	69510347 D1	22-07-1999
			DE	69510347 T2	18-11-1999
			DK	757684 T3	17-01-2000
			EE	9600134 A	15-04-1997
			MO	9529174 A1	02-11-1995
			EP	0757684 A1	12-02-1997
			ES	2133769 T3	16-09-1999
			FI	964251 A	22-10-1996
			GR	3031043 T3	31-12-1999
			HK	1004221 A1	11-08-2000
			ዘሀ	76296 A2	28-07-1997
			IL	113432 A	21-11-2000
			JP	10502615 T	10-03-1998
					17-12-1996
			NO	964487 A	17-12-1996
			NO	995646 A	
			NZ	285396 A	28-10-1998
			PL	316904 A1	17-02-1997
		,	RO	117916 B1	30-09-2002
			RO	118714 B1	30-09-2003
			RU	2158736 C2	10-11-2000
			SI	757684 T1	31-12-1999
			SK	135596 A3	09-07-1997
			.TW	487704 B	21-05-2002
			US	6329522 B1	11-12-2001
			US	6051709 A	18-04-2000
			ZA	9503235 A	21-12-1995
US 6329522	B1	11-12-2001	AP	704 A	04-12-1998
		•	AT	181326 T	15-07-1999
			AU	696612 B2	17-09-1998
			AU	2447195 A	16-11-1995
			BG	62810 B1	31-08-2000
			BG	100916 A	31-07-1997
			BR	9507499 A	23-09-1997
			CA	2188306 A1	02-11-1995
			CN	1149871 A	14-05-1997
			CZ	9603096 A3	16-04-1997
			DE	69510347 D1	22-07-1999
			DE	69510347 T2	18-11-1999
			DK	757684 T3	17-01-2000
			EE	9600134 A	15-04-1997
			WO	9529174 A1	02-11-1995
			EP	0757684 A1	12-02-1997
					16 00 1000
			ES	2133769 T3	16-09-1999
			ES FI	964251 A	22-10-1996
			ES		22-10-1996 31-12-1999
			ES FI	964251 A	22-10-1996

ational Application No // IB2004/000924

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6329522	B1		IL JP	113432 A 10502615 T	21-11-2000 10-03-1998
			NO	964487 A	17-12-1996
			NO	995646 A	17-11-1999
			NZ	285396 A	28-10-1998
		•	PL RO	316904 A1 117916 B1	17-02-1997 30-09-2002
			RO	11/910 B1 118714 B1	30-09-2002
			RU	2158736 C2	10-11-2000
			SI	757684 T1	31-12-1999
			SK	135596 A3	09-07-1997
			TW	487704 B	21-05-2002
			US	6051709 A	18-04-2000
			ZA	9503235 A `	21-12-1995
WO 9214743	Α	03-09-1992	US	5210085 A	11-05-1993
			AU	· 1437292 A	15-09-1992
			AU AU	665187 B2 1561792 A	21-12-1995 15-09-1992
			AU	679649 B2	03-07-1997
			AU	3794395 A	14-03-1996
,			AU	8077398 A	15-10-1998
			BG	62053 B1	29-01-1999
			BG	98062 A	25-04-1994
•			. BR	9205661 A	24-05-1994
			CA	2104399 A1	23-08-1992
			CN CN	1418966 A 1065065 A ,B	21-05-2003 07-10-1992
			CN	1127301 A ,B	24-07-1996
			CN	1203232 A ,B	30-12-1998
		•	CZ	9200497 A3	17-03-1993
			EP	0575482 A1	29-12-1993
			EP	0984013 A2	08-03-2000
			FI	933684 A	06-09-1993
•			FI HU	20030932 A 65548 A2	24-06-2003 28-06-1994
			HU	9500510 A3	28-11-1995
			ΙĒ	920545 A1	26-08-1992
			ĪĹ	100965 A	31-12-1999
			JP	3292830 B2	17-06-2002
			JP .	10147586 A	02-06-1998
			JP	2901160 B2	07-06-1999
			JP	6508605 T 172590 B1	29-09-1994 01-02-1999
			KR MX	9200747 A1	01-02-1999 01-09-1992
			NO	932980 A	20-08-1993
			NZ	241625 A	26-03-1996
			NZ	250842 A	26-03-1996
			PL	169842 B1	30-09-1996
			PT	100151 A ,B	31-05-1993
			US	5814639 A	29-09-1998
			US WO	2002143194 A1 9214743 A2	03-10-2002 03-09-1992
			WO	9214743 A2 9214729 A1	03-09-1992
			ÜS	5892025 A	06-04-1999
			ÜS	5852027 A	22-12-1998
			US US	6703396 B1 6069252 A	09-03-2004

ational Application No
. /IB2004/000924

		7.1.7.1020047 000324		
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9214743 A		US	6642245 B1	04-11-2003
		US	5700937 A	23-12-1997
		ÜS	6346627 B1	12-02-2002
		US	6114343 A	05-09-2000
		บร	5827727 A	27-10-1998
		บร	5728575 A	17-03-1998
		บร	5914331 A	22-06-1999
US 5696254 A	09-12-1997	US	5663320 A	02-09-1997
		ÜŠ	5693787 A	02-12-1997
		BG	61695 B1	31-03-1998
	•	BG	98310 A	03-01-1995
		CZ	9302492 A3	16-03-1994
		EE	3044 B1	15-10-1997
		FI	935151 A	19-11-1993
		FI	960286 A	19-01-1996
		FI	20001900 A	29-08-2000
		HU	67471 A2	28-04-1995
		MD	950172 A	30-08-1996
		PL	170869 B1	31-01-1997
		PL	176026 B1	31-03-1999
		RO.	116812 B1	29-06-2001
		RU	2140925 C1	10-11-1999
		SK	129493 A3	09-11-1994
		AT	133958 T	15-02-1996
1		AT	157662 T	15-09-1997
		UA	655973 B2	19-01-1995
	•	` AU	1639492 A	26-11-1992
		AU	668086 B2	26-04-1996
1		AU AU	1639592 A 1690892 A	26-11-1992 30-12-1002
		AU	1690892 A 1691392 A	30-12-1992 30-12-1992
	•	BG	61696 B1	31-03-1998
1	•	BG	98311 A	15-08-1994
	,	CA	2069024 A1	22-11-1992
		CA	2069063 A1	22-11-1992
		WO	9220696 A1	26-11-1992
		WO	9220669 A1	26-11-1992
		CN	1067654 A ,B	06-01-1993
		CN	1067245 A ,B	23-12-1992
		CN	1116204 A ,B	07-02-1996
		CN	1229078 A ,B	22-09-1999
		CN	1229079 A ,B	22-09-1999
		CN	1229080 A ,B	22-09-1999
		CZ	9302493 A3	13-04-1994
		CZ	9602224 A3	14-04-1999
		CZ	285220 B6	16-06-1999
		DE	69208144 D1	21-03-1996
		DE	69208144 T2	05-09-1996
		DE	69221936 D1	09-10-1997
		DE	69221936 T2	02-01-1998
		DK	515156 T3	17-06-1996
		DK	515157 T3	29-09-1997
		EP	0515156 A1	25-11-1992
1		EP	0515157 A1	25-11-1992
		ES Es	2084937 T3	16-05-1996 16-10-1997
		ES	2104832 T3	16-10-1997
		ں رے سے رے ساتھیں در۔۔۔		
<u> </u>				

national Application No
. TIB2004/000924

Palest desument Bublishins				004/000924	
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0515157	A1	25-11-1992	AT	133958 T	15-02-1996
			AT	157662 T	15-09-1997
			AU	655973 B2	19-01-1995
	•		AU	1639492 A	26-11-1992
			AU AU	668086 B2 1639592 A	26-04-1996 26-11-1992
			AU	1690892 A	30-12-1992
			AU	1691392 A	30-12-1992
			BG	61695 B1	31-03-1998
			BG	98310 A	03-01-1995
			BG	61696 B1	31-03-1998
			BG	98311 A	15-08-1994
			CA	2069024 A1	22-11-1992
•			CA	2069063 A1	22-11-1992
			MO	9220696 A1	26-11-1992
			MO	9220669 A1	26-11-1992 06-01-1993
			CN CN	1067654 A ,B 1067245 A ,B	06-01-1993 23-12-1992
			CN	1116204 A ,B	07-02-1996
			CN	1229078 A ,B	22-09-1999
			CN	1229079 A ,B	22-09-1999
			CN	1229080 A ,B	22-09-1999
			CZ	9302492 A3	16-03-1994
			CZ	9302493 A3	13-04-1994
			CZ	9602224 A3	14-04-1999
			CZ	285220 B6	16-06-1999
			DE DE	69208144 D1 69208144 T2	21-03-1996 05-09-1996
			DE .	69221936 D1	09-10-1997
			DE	69221936 T2	02-01-1998
•			DK	515156 T3	17-06-1996
			DK	515157 T3	29-09-1997
			EE	3044 B1	15-10-1997
			ΕP	0515156 A1	25-11-1992
			ES	2084937 T3	16-05-1996
			ES	2104832 T3	16-10-1997
			FI	935150 A	19-11-1993
			FI FI	935151 A 960286 A	19-11-1993 19-01-1996
•			FI	20001900 A	29-08-2000
•			GR	3018941 T3	31-05-1996
			GR	3024617 T3	31-12-1997
			HK	132196 A	26-07-1996
•			HK	1002431 A1	21-08-1998
			HU	67726 A2	28-04-1995
			HŪ	67471 A2	28-04-1995
			IE	921618 A1	02-12-1992
			ΙE	921619 A1 101931 A	02-12-1992 05-12-1996
			IL.		
EP 0526253	A1	03-02-1993	AP	321 A	28-02-1994
			AT	227720 T	15-11-2002
			UA	659668 B2 2340892 A	25-05-1995 02-03-1993
			AU BG	2340892 A 61693 B1	31-03-1998
			BG	98616 A	31-03-1995
			CA	2114221 A1	18-02-1993
			MO	9303027 A1	18-02-1993
				·	

national Application No
. _ [/IB2004/000924

				004/ 000324
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0526253 A	1	CN	1302612 A	11-07-2001
	-	CN	1070191 A ,B	24-03-1993
		CN	1132073 A ,B	02-10-1996
		CZ	9400203 A3	13-07-1994
		DE	69232845 D1	19-12-2002
		DE	69232845 T2	24-04-2003
		DK	526253 T3	17-03-2003
		EE	3002 B1	16-06-1997
		EG	20193 A	30-10-1997
		EP	1155695 A1	21-11-2001
•		ES	2186667 T3	16-05-2003
		FI	940435 A	28-01-1994
		HK	1008672 A1	01-08-2003
		HU	70030 A2	28-09-1995
		HU	9500707 A3	28-11-1995
		IL	102616 A	31-10-1996
•		JP	2960778 B2	12-10-1999
		JP	7500317 T	12-01-1995
		KR	242454 B1	02-03-2000
		MA	22919 A1	01-04-1993
		MD	950114 A	28-06-1996
		MX	9204474 A1	01-12-1993
		NO	940322 A	21-03-1994
		NZ	243637 A	28-03-1995
		OA	9883 A	15-09-1994
		PT	526253 T	31-03-2003
		RU	2126405 C1	20-02-1999
		SG	68541 A1	16-11-1999
		SK	10494 A3	07-12-1994
	,	TJ	244 R3	24-11-1999
•		US	5538975 A	23-07-1996
		US	5618820 A	08-04-1997
		ZA	9205668 A	28-04-1993